



### Cable Specification sheet, INRAD brand RG8X coaxial cable

**Part Number:** IN C RG8X

**Description:** 50 ohm coaxial cable, Black PVC IIA Jacket

**Center Conductor:** 16 AWG stranded bare copper, .058 OD nominal

**Dielectric:** foamed polyethylene, .155" nominal OD

**Shield:** Copper braid, untinned, 95% coverage.

**Jacket:** PVC type IIA, non-contaminating, black, .242" OD nominal

**Temperature Rating:** -20 C to 80 C

**Minimum Bend Radius:** 2.4"

**Cable Weight:** .56 oz/ft

**Max. Pulling Tension:** 75 lbs.

**Impedance:** 50 ohms nominal

**Capacitance:** 24.8 pF/ft nominal

**Velocity Factor:** 82%

**Maximum Voltage Capacity:** 300 Vrms

Attenuation:	<u>MHz</u>	<u>dB/100 ft.</u>
	10	1.1
	50	2.6
	100	3.7
	200	5.4
	400	8.0
	700	11.1
	1000	13.3

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